



1636

## RAW SEQUENCE LISTING

DATE: 04/08/2002

PATENT APPLICATION: US/09/831,907A

TIME: 10:34:29

Input Set : A:\208888.ST25.txt

Output Set: N:\CRF3\04082002\I831907A.raw

3 <110> APPLICANT: BEAUVILLAIN, JEAN-CLAUDE  
 4 COULOUARN, YOLAINE  
 5 JEGOU, SYLVIE  
 6 LIHRMANN, ISABELLE  
 7 VAUDRY, HUBERT  
 9 <120> TITLE OF INVENTION: MAMMALIAN UROTENSINS II AND APPLICATIONS THEREOF  
 11 <130> FILE REFERENCE: 208888US0PCT  
 13 <140> CURRENT APPLICATION NUMBER: 09/831,907A  
 C--> 14 <141> CURRENT FILING DATE: 2001-09-18  
 16 <150> PRIOR APPLICATION NUMBER: FR 98/14914  
 17 <151> PRIOR FILING DATE: 1998-11-26  
 19 <160> NUMBER OF SEQ ID NOS: 64  
 21 <170> SOFTWARE: PatentIn version 3.1  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 124  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE  
 31 <400> SEQUENCE: 1  
 33 Met Tyr Lys Leu Ala Ser Cys Cys Leu Leu Phe Ile Gly Phe Leu Asn  
 34 1 5 10 15  
 37 Pro Leu Leu Ser Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser Phe Gln  
 38 20 25 30  
 41 Leu Ser Ala Pro His Glu Asp Ala Arg Leu Thr Pro Glu Glu Leu Glu  
 42 35 40 45  
 45 Arg Ala Ser Leu Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg  
 46 50 55 60  
 49 Gly Asp Ile Leu Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro  
 50 65 70 75 80  
 53 Arg Gly Asn Leu Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn  
 54 85 90 95  
 57 Ile Leu Leu Ser His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys  
 58 100 105 110  
 61 Arg Glu Thr Pro Asp Cys Phe Trp Lys Tyr Cys Val  
 62 115 120  
 65 <210> SEQ ID NO: 2  
 66 <211> LENGTH: 104  
 67 <212> TYPE: PRT  
 68 <213> ORGANISM: Artificial Sequence  
 70 <220> FEATURE:  
 71 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE  
 73 <400> SEQUENCE: 2

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75 Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser Phe Gln Leu Ser Ala Pro  
 76 1 5 10 15  
 79 His Glu Asp Ala Arg Leu Thr Pro Glu Glu Leu Glu Arg Ala Ser Leu  
 80 20 25 30  
 83 Leu Gln Ile Leu Pro Glu Met Leu Gly Ala Glu Arg Gly Asp Ile Leu  
 84 35 40 45  
 87 Arg Lys Ala Asp Ser Ser Thr Asn Ile Phe Asn Pro Arg Gly Asn Leu  
 88 50 55 60  
 91 Arg Lys Phe Gln Asp Phe Ser Gly Gln Asp Pro Asn Ile Leu Leu Ser  
 92 65 70 75 80  
 95 His Leu Leu Ala Arg Ile Trp Lys Pro Tyr Lys Lys Arg Glu Thr Pro  
 96 85 90 95  
 99 Asp Cys Phe Trp Lys Tyr Cys Val  
 100 100

103 &lt;210&gt; SEQ ID NO: 3

104 &lt;211&gt; LENGTH: 11

105 &lt;212&gt; TYPE: PRT

106 &lt;213&gt; ORGANISM: Artificial Sequence

108 &lt;220&gt; FEATURE:

109 &lt;223&gt; OTHER INFORMATION: SYNTHETIC PEPTIDE

111 &lt;400&gt; SEQUENCE: 3

113 Glu Thr Pro Asp Cys Phe Trp Lys Tyr Cys Val

114 1 5 10

117 &lt;210&gt; SEQ ID NO: 4

118 &lt;211&gt; LENGTH: 551

119 &lt;212&gt; TYPE: DNA

120 &lt;213&gt; ORGANISM: Artificial Sequence

122 &lt;220&gt; FEATURE:

123 &lt;223&gt; OTHER INFORMATION: SYNTHETIC DNA

125 &lt;400&gt; SEQUENCE: 4

126 ccaagaagga agccgtctat cttgtggcga tcatgtataa gctggcctcc tgcgtgtttgc 60  
 128 ttttcatagg attcttaaat cctctcttat ctcttcctct ccttgactcc agggaaatat 120  
 130 cctttcaact ctcagcacct catgaagacg cgcgcttaac tccggaggac gtagaaagag 180  
 132 cttcccttct acagatactg ccagagatgc tgggtgcaga aagaggggat attctcagga 240  
 134 aagcagactc aagtaccaac atttttaacc caataggaaa tttgagaaag tttcaggatt 300  
 136 tctctggaca agatcctaac attttactga gtcattcttt ggccagaatc tggaaaccat 360  
 138 acaagaaacg tgagactcct gattgcttct ggaaatactg tgtctgaagt gaaataagca 420  
 140 tctgttagtc agctcagaaa caccatctt agaatatgaa aaataacaca atgcttgatt 480  
 142 tgaaaacagt gtggagaaaa actaggcaaa ctacaccctg ttcattgtta cctggaaaat 540  
 144 aaatcctcta t 551

147 &lt;210&gt; SEQ ID NO: 5

148 &lt;211&gt; LENGTH: 315

149 &lt;212&gt; TYPE: DNA

150 &lt;213&gt; ORGANISM: Artificial Sequence

152 &lt;220&gt; FEATURE:

153 &lt;223&gt; OTHER INFORMATION: SYNTHETIC DNA

155 &lt;400&gt; SEQUENCE: 5

156 cttcctctcc ttgactccag ggaaatatcc tttcaactct cagcacctca tgaagacgcg 60  
 158 cgcttaactc cggaggagct agaaagagct tcccttctac agatactgcc agagatgctg 120

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160 ggtgcagaaa gaggggatat tctcaggaaa gcagactcaa gtaccaacat ttttaaccca      180
162 agaggaaatt tgagaaagtt tcaggatttc tctggacaag atcctaacat ttactgagt      240
164 catcttttgg ccagaatctg gaaaccatac aagaaacgtg agactcctga ttgcttctgg      300
166 aaatactgtg tctga                                                    315
169 <210> SEQ ID NO: 6
170 <211> LENGTH: 36
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: SYNTHETIC DNA
177 <400> SEQUENCE: 6
178 gagactcctg attgcttctg gaaatactgt gtctga                                36
181 <210> SEQ ID NO: 7
182 <211> LENGTH: 26
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: SYNTHETIC DNA
189 <400> SEQUENCE: 7
190 aaccaagag gaaatttgag aaagtt                                           26
193 <210> SEQ ID NO: 8
194 <211> LENGTH: 25
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: SYNTHETIC DNA
201 <400> SEQUENCE: 8
202 ccaggtaca atgaacaggg tgtag                                           25
205 <210> SEQ ID NO: 9
206 <211> LENGTH: 7
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: SYNTHETIC PEPTIDE
213 <400> SEQUENCE: 9
215 Cys Phe Trp Lys Tyr Cys Val
216 1          5
219 <210> SEQ ID NO: 10
220 <211> LENGTH: 19
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: SYNTHETIC DNA
227 <400> SEQUENCE: 10
228 ctgccagaga tgctgggtg                                                  19
231 <210> SEQ ID NO: 11
232 <211> LENGTH: 24
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence

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236 <220> FEATURE:
237 <223> OTHER INFORMATION: SYNTHETIC DNA
239 <400> SEQUENCE: 11
240 gacacagtat ttccagaagc aatc 24
243 <210> SEQ ID NO: 12
244 <211> LENGTH: 20
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: SYNTHETIC DNA
251 <400> SEQUENCE: 12
252 cctcctgctg ttgcttttc 20
255 <210> SEQ ID NO: 13
256 <211> LENGTH: 20
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: SYNTHETIC DNA
263 <400> SEQUENCE: 13
264 cccagcatct ctggcagtat 20
267 <210> SEQ ID NO: 14
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: SYNTHETIC DNA
275 <400> SEQUENCE: 14
276 gaagccgtct atcttgtggc 20
279 <210> SEQ ID NO: 15
280 <211> LENGTH: 20
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: SYNTHETIC DNA
287 <400> SEQUENCE: 15
288 cgtctatctt gtggcgatca 20
291 <210> SEQ ID NO: 16
292 <211> LENGTH: 20
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: SYNTHETIC DNA
299 <400> SEQUENCE: 16
300 cgtcttcatg aggtgctgag 20
303 <210> SEQ ID NO: 17
304 <211> LENGTH: 20
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:

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TIME: 10:34:29


Input Set : A:\208888.ST25.txt

Output Set: N:\CRF3\04082002\I831907A.raw

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309 <223> OTHER INFORMATION: SYNTHETIC DNA
311 <400> SEQUENCE: 17
312 ggaagccgctc tatcttggtgg                                     20
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316 <211> LENGTH: 529
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: SYNTHETIC DNA
323 <400> SEQUENCE: 18
324 cggagcagac acccagccag acttcttccc gtcgtcatgg acaggggtgcc cttctgctgc      60
326 ctgctcttcg taggactcct gaatccactc ctgtcttttc ccgtcacgga cactgggtgaa     120
328 atgtctcttc agcttccagt gcttgaggaa aatgctcttc gggctctgga ggagctggag     180
330 aggactgccc tcctgcagac gctgcgccag accgtgggca cagaagcaga gggaagcctt     240
332 ggccaggcag atcccagtg cagactccc actccaaggg gaagcttgag gaaggctctc     300
334 actgggcaag attctaacac tgtactgagc cgtcttttgg cgagaaccag gaaacaacgt     360
336 aagcaacacg ggactgcccc agaatgcttc tggaagtact gcatttgaag agagacgtct     420
338 cctcagaacc atcacttcag gaaactaaag agcagatgct tgaagaaaaa tcgtgccaac     480
340 aacgccccgt tctccactat gagaaataaa ccctctatgt ttctcaact                    529
343 <210> SEQ ID NO: 19
344 <211> LENGTH: 312
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence
348 <220> FEATURE:
349 <223> OTHER INFORMATION: SYNTHETIC DNA
351 <400> SEQUENCE: 19
352 tttcccgtca cggacactgg tgaaatgtct cttcagcttc cagtgcctga ggaaaatgct      60
354 cttcgggctc tggaggagct ggagaggact gccctcctgc agacgctgcg ccagaccgtg     120
356 ggcacagaag cagagggaag ccttggccag gcagatccca gtgccgagac tccactcca     180
358 aggggaagct tgaggaaggc tctcactggg caagattcta aactgtact gagccgtctt     240
360 ttggcgagaa ccaggaaaca acgtaagcaa cacgggactg cccagaaatg cttctggaag     300
362 tactgcattt ga                                                              312
365 <210> SEQ ID NO: 20
366 <211> LENGTH: 42
367 <212> TYPE: DNA
368 <213> ORGANISM: Artificial Sequence
370 <220> FEATURE:
371 <223> OTHER INFORMATION: SYNTHETIC DNA
373 <400> SEQUENCE: 20
374 caacacggga ctgccccaga atgcttctgg aagtactgca tt                                42
377 <210> SEQ ID NO: 21
378 <211> LENGTH: 20
379 <212> TYPE: DNA
380 <213> ORGANISM: Artificial Sequence
382 <220> FEATURE:
383 <223> OTHER INFORMATION: SYNTHETIC DNA
385 <400> SEQUENCE: 21
386 agcttccagt gcttgaggaa                                     20
389 <210> SEQ ID NO: 22

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 Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence listing using n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\208888.ST25.txt

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45